

13746001.txt
SEQUENCE LISTING

<110> SAMUELSSON, GORAN
VILLAREJO, ARSENIO
BUREN, STEFAN
DEJARDIN, ANNABELLE
KARLSSON, JAN

<120> EXPRESSION OF PLASTID-TARGETED POLYPEPTIDES IN PLANTS

<130> 13743/46001

<140> 10/578,501

<141> 2006-05-05

<150> PCT/IB04/003726

<151> 2004-11-04

<150> GB 0406296.4

<151> 2004-03-19

<150> 60/517,584

<151> 2003-11-05

<160> 17

<170> PatentIn Ver. 3.3

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<212> PRT

<213> Arabidopsis thaliana

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Leu Phe Leu Pro Ser Leu Ala Cys
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targeting sequence

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<212> PRT

<213> Arabidopsis thaliana

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 35 40 45
 Phe Thr Thr Cys Ala Val Gly Lys Leu Gln Ser Pro Ile Asp Ile Gln
 50 55 60
 Arg Arg Gln Ile Phe Tyr Asn His Lys Leu Asn Ser Ile His Arg Glu
 65 70 75 80
 Tyr Tyr Phe Thr Asn Ala Thr Leu Val Asn His Val Cys Asn Val Ala
 85 90 95
 Met Phe Phe Gly Glu Gly Ala Gly Asp Val Ile Ile Glu Asn Lys Asn
 100 105 110
 Tyr Thr Leu Leu Gln Met His Trp His Thr Pro Ser Glu His His Leu
 115 120 125
 His Gly Val Gln Tyr Ala Ala Glu Leu His Met Val His Gln Ala Lys
 130 135 140
 Asp Gly Ser Phe Ala Val Val Ala Ser Leu Phe Lys Ile Gly Thr Glu
 145 150 155 160
 Glu Pro Phe Leu Ser Gln Met Lys Glu Lys Leu Val Lys Leu Lys Glu
 165 170 175
 Glu Arg Leu Lys Gly Asn His Thr Ala Gln Val Glu Val Gly Arg Ile
 180 185 190
 Asp Thr Arg His Ile Glu Arg Lys Thr Arg Lys Tyr Tyr Arg Tyr Ile
 195 200 205
 Gly Ser Leu Thr Thr Pro Pro Cys Ser Glu Asn Val Ser Trp Thr Ile
 210 215 220
 Leu Gly Lys Val Arg Ser Met Ser Lys Glu Gln Val Glu Leu Leu Arg
 225 230 235 240
 Ser Pro Leu Asp Thr Ser Phe Lys Asn Asn Ser Arg Pro Cys Gln Pro
 245 250 255
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 Lys Lys Glu Thr Gly Asn Lys Lys Lys Lys Pro Asn
 275 280

<210> 8

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<212> DNA

<213> Arabidopsis thaliana

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<210> 10
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<223> Description of Artificial Sequence: Synthetic
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